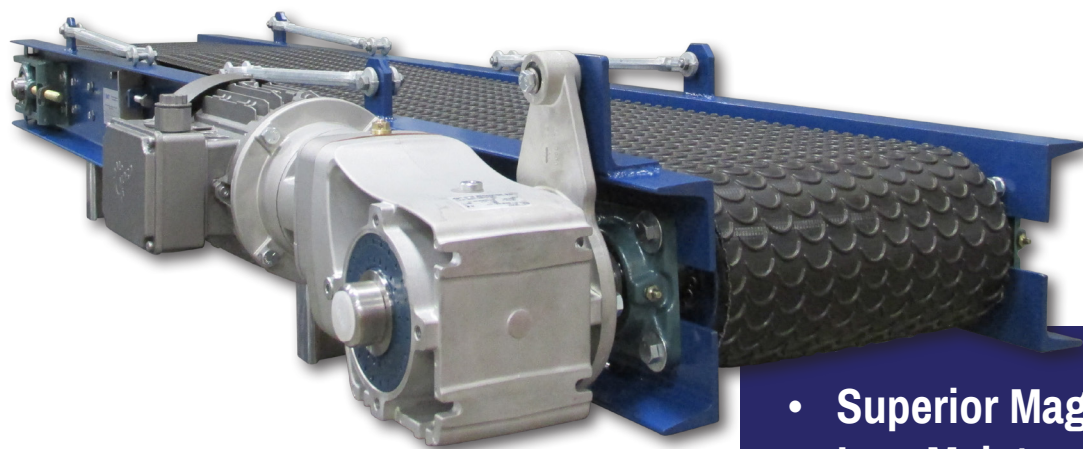




# G5 CROSS BELT SEPARATORS



## MAGNETIC SEPARATION SOLUTIONS FOR CONVEYORS

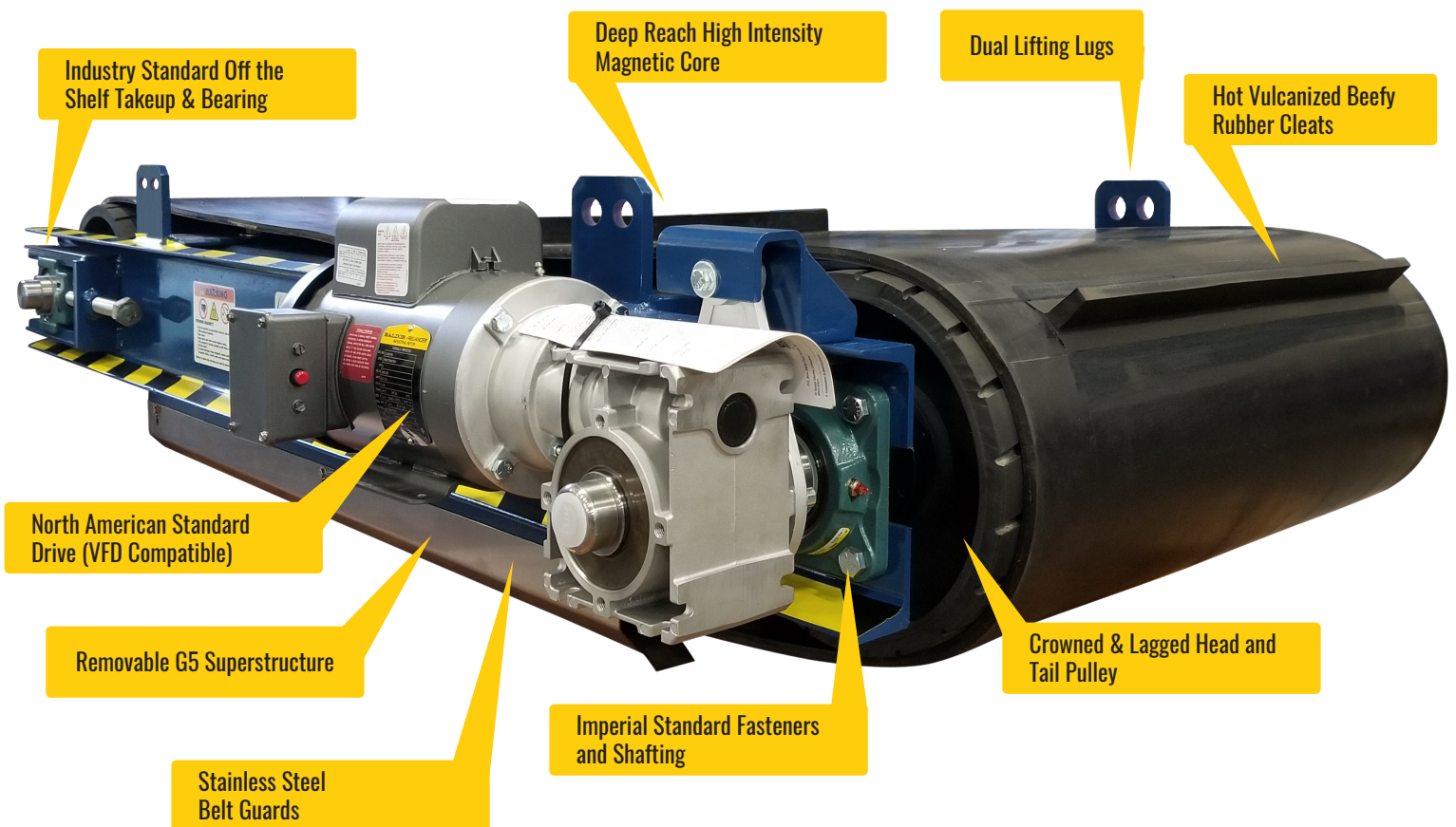


- Superior Magnetic Strength
- Low Maintenance
- Custom Sizes Available
- Flexible Installation Options
- In-stock Inventory



## G5 SUSPENDED CROSS BELT PERMANENT MAGNETIC SEPARATORS

The IMT G5 Cross Belt Permanent Magnetic Separator is used in the magnetic extraction of ferrous materials from products to ensure a safe, metal free output. These powerful magnets draw the unwanted metals upwards and away while continually discharging the target tramp from the conveyor belt.



### DRIVE CONFIGURATION

Shaft Mounted Helical Worm Gear Reducer

Standard 2HP Right Angle Motor

- 3 Phase 480/60Hz
- 3 Phase 575/60Hz
- Other Voltages upon request

Hydraulic Drive available

### OPTIONAL EQUIPMENT

- Zero Speed Sensor
- Misalignment Sensor/Switch

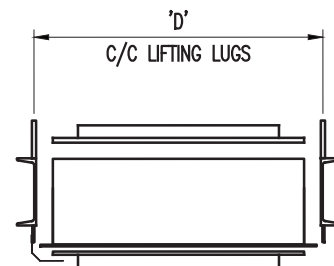
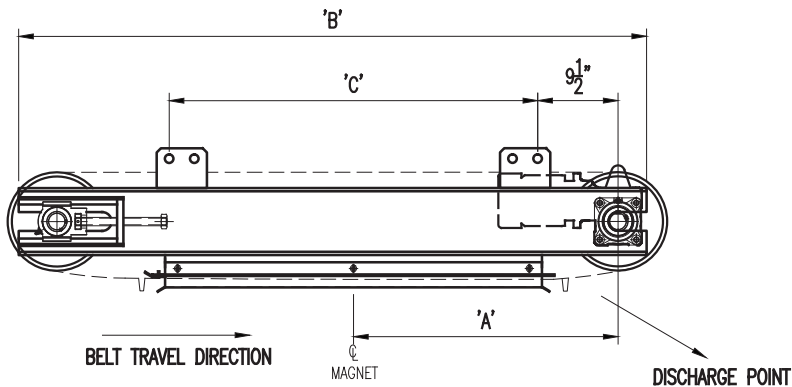


# G5 CROSS BELT SEPARATORS



**G5 SIDE VIEW**

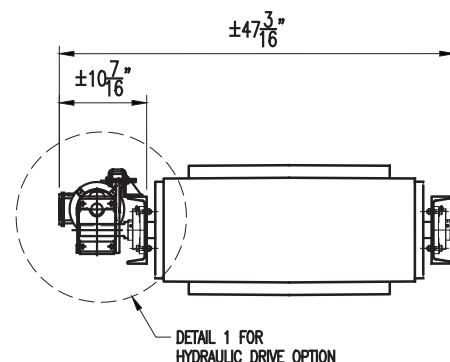
**SECTION AT LIFTING LUGS**



## G5 CBS SERIES DIMENSIONS

BELT WIDTH	MODEL	A	B	C	D	WEIGHT (LBS)
24	CBS-2433	19.5	51	20	35	1950
36	CBS-3633	25.5	63	32	35	2700
42	CBS-4233	28.5	69	38	35	3060
48	CBS-4833	31.5	75	44	35	3420
54	CBS-5433	34.5	81	50	35	3750
60	CBS-6033	37.5	87	56	35	4165
72	CBS-7233	43.5	99	68	35	4795

**DRIVE END VIEW**



**QUALITY AT THE CORE™**

**WWW.IMT-INC.COM**

# APPLICATION WORKSHEET

Company: \_\_\_\_\_

Contact: \_\_\_\_\_ Address: \_\_\_\_\_

Phone: \_\_\_\_\_ City: \_\_\_\_\_ State/Prov: \_\_\_\_\_

Email: \_\_\_\_\_ Postal: \_\_\_\_\_ Country: \_\_\_\_\_

- |                                                 |                                                   |                                       |
|-------------------------------------------------|---------------------------------------------------|---------------------------------------|
| <input type="checkbox"/> Suspended Plate Magnet | <input type="checkbox"/> Electromagnet            | <input type="checkbox"/> VIBRA-SEP    |
| <input type="checkbox"/> Cross Belt Separator   | <input type="checkbox"/> Magnetic Plate Separator | <input type="checkbox"/> Grate Magnet |
| <input type="checkbox"/> Magnetic Head Pulley   | <input type="checkbox"/> Drum Separator           | <input type="checkbox"/> Unknown      |

## APPLICATION INFORMATION

Type of Material: \_\_\_\_\_ Bulk Density: \_\_\_\_\_

Particle Size Range: \_\_\_\_\_ Product Temp: \_\_\_\_\_

Max Lump Size: \_\_\_\_\_ % Moisture: \_\_\_\_\_

Ferrous Size Range: \_\_\_\_\_ Burden Depth: \_\_\_\_\_

## CONVEYOR INFORMATION

Flat Belt ☐ Troughed Belt ☐ Conveyor Incline: \_\_\_\_\_ Ambient Temp: \_\_\_\_\_

Chute ☐ Vibratory ☐ Belt Width: \_\_\_\_\_ Head Pulley Dia: \_\_\_\_\_

Other (Please Specify): \_\_\_\_\_ Belt Thickness: \_\_\_\_\_ % Moisture: \_\_\_\_\_

Belt Speed: \_\_\_\_\_ Plant Voltage: \_\_\_\_\_

NOTES: